



SLOVENSKI STANDARD
kSIST FprEN 12217:2014
01-november-2014

Vrata - Sile pri uporabi - Zahteve in klasifikacija

Doors - Operating forces - Requirements and classification

Türen - Bedienungskräfte - Anforderungen und Klassifizierung

Portes - Forces de manoeuvre - Prescriptions et classification

Ta slovenski standard je istoveten z: FprEN 12217

<https://standards.iteh.ai/catalog/standards/sist/c24403e7-e904-4238-862e-46fca17ca16/sist-en-12217-2015>

ICS:

91.060.50 Vrata in okna Doors and windows

kSIST FprEN 12217:2014 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
FprEN 12217

September 2014

ICS 91.060.50

Will supersede EN 12217:2003

English Version

Doors - Operating forces - Requirements and classification

Portes - Forces de manoeuvre - Prescriptions et
classification

Türen - Bedienungskräfte - Anforderungen und
Klassifizierung

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 33.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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SIST EN 12217:2015

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Foreword

This document (FprEN 12217:2014) has been prepared by Technical Committee CEN/TC 33 “Windows, doors, shutters, building hardware and curtain walling”, the secretariat of which is held by AFNOR.

This document is currently submitted to the UAP.

This document will supersede EN 12217:2003.

Compared with EN 12217:2003, the following changes have been made:

- a) Definitions on hand operated hardware and finger operated hardware have been added;
- b) clarification on how the final total classification is obtained from different results;
- c) one new class 5 has been added in Table 1;
- d) a new Clause 5 “use of historical data” has been added.

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FprEN 12217:2014 (E)

1 Scope

This European Standard is applicable to hinged/pivoted and sliding doorsets with latches, for pedestrian use. It defines the classification of the test results for the forces and/or torques to open/close doors and to engage/release and lock/unlock the hardware using a key or handle, after testing in accordance with EN 12046-2.

It is only applicable to the manual operation of doorsets.

The classification of forces for doorsets with self-closing devices engaged is excluded from this test method. It is also not applicable to doorsets with special hardware, e.g. emergency exit devices.

The tests are applicable to doorsets of any material.

The operation of some glazed doors (door high windows) involves hardware with latches and may be classified in accordance with this European Standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12046-2:2000, *Operating forces - Test method - Part 2: Doors*

EN 12519:2004, *Windows and pedestrian doors - Terminology*

EN 1005-1:2001+A1:2008, *Safety of machinery - Human physical performance - Part 1: Terms and definitions*

3 Terms and definitions

SIST EN 12217:2015

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For the purposes of this document, the terms and definitions given in EN 12519:2004 and the following apply.

3.1

doorset

complete unit consisting of the door frame and the door leaf or leaves supplied, with the essential hardware and seals

3.2

hand operated hardware

hardware operated by means of a hook grip made with the fingers in an active role and the thumb in a passive role; the proximal and distal interphalangeal joints are flexed around the handle

Note 1 to entry: See EN 1005-1:2001+A1:2008, 3.7.2.

3.3

finger operated hardware

hardware operated by means of a grip made with the thumb and the forefinger

Note 1 to entry: See EN 1005-1:2001+A1:2008, 3.7.1.

4 Classification

When tested in accordance with EN 12046-2, a doorset shall be classified in accordance with Table 1. The final total class of operating forces/torques of doors results from lowest class obtained among the particular tested forces or torques.